

The listing of claims presented below replaces all prior versions and listing of claims in the application.

Listing of claims:

1. (Currently amended) An agent for inhibiting membrane virus reproduction, characterized in that it comprises a water-soluble compound of fullerene polycarboxylic anions of the general formula



where C_{60} is the fullerene core,

$NH(CH_2)_mC(O)O^-$ is the aminocarboxylic anion,

m is an integer, preferably 3 and 5, ~~most preferably 5,~~

n is an integer from 2 to 12, ~~preferably from 4 to 6, most preferably 6.~~

2. (Currently amended) A method for the production of an agent for inhibiting membrane virus reproduction, according to claim 1 characterized in that an amino acid in the form of potassium or sodium salt is introduced into an o-dichlorobenzene solution of fullerene, then a solubilizer selected from the group of polyethylene oxides is added: polyethylene glycols with a molecular weight of 150 to 400 and higher, and also dimethyl ethers of polyethylene glycols or 18-crown-6, wherein the amount of the amino acid should be more than 50 times that of fullerene and the synthesis is carried out at a temperature of 60—80°C.

3. (Original) A pharmaceutical composition for inhibiting the membrane virus reproduction, characterized in that it contains the agent according to claim 1 in an effective amount and pharmaceutically acceptable fillers.

4. (Original) A pharmaceutical composition for inhibiting the membrane virus reproduction according to claim 3, characterized in that it is prepared in the form of tablets, capsules, a solution for injections, suppositories.

5. (Previously presented) A method for inhibiting membrane virus reproduction, characterized in that the pharmaceutical composition according to claim 3 is used for the suppression of viruses when treating diseases caused by HIV, herpes viruses, hepatitis C virus.

6 (Previously presented) A method for inhibiting membrane virus reproduction, characterized in that the pharmaceutical composition according to claim 4 is used for the suppression of viruses when treating diseases caused by HIV, herpes viruses, hepatitis C virus.

7 (new) An agent for inhibiting membrane virus reproduction according to claim 1 wherein said fullerene polycarboxylic anion is one wherein m is 5

8 (new) An agent for inhibiting membrane virus reproduction according to claim 1 wherein said fullerene polycarboxylic anion is one wherein n is an integer from 4 to 6

9 (new) An agent for inhibiting membrane virus reproduction according to claim 1 wherein said fullerene polycarboxylic anion is one wherein n is 6.

10 (new) An agent for inhibiting membrane virus reproduction according to claim 7 wherein said fullerene polycarboxylic anion is one wherein n is 6.